

TABLE OF CONTENTS

(Volume 38)

ARTICLES

ALFARO, M. MARTÍNEZ and V. REGLERO / Classes of Orbits in the Main Problem of Satellite Theory	163
AOKI, SHINKO, <i>see</i> Fukushima, Toshio <i>et al.</i>	
AZIZOV, A. G. and N. A. KORSHUNOVA / On an Analytical Solution of the Optimum Trajectory Problem in a Gravitational Field	297
BOZIS, GEORGE and ATEF NAKHLA / Solution of the Three-Dimensional Inverse Problem	357
BRETAGNON, P. / Construction of a Planetary Solution with the Help of an <i>N</i> -Body Program, and Analytical Complements	181
CID, R., S. FERRER, and M. L. SEIN-ECHALUCE / On the Radial Intermediaries and the Time Transformation in Satellite Theory	191
CONTOPOULOS, G. / Bifurcations in Systems of Three Degrees of Freedom	1
DUMONT, TH., <i>see</i> Hayli, A.	
DYBCZYŃSKI, P. A., T. J. JOPEK, and R. A. SERAFIN / On the Minimum Distance between Two Keplerian Orbits with a Common Focus	345
FERRER, S., <i>see</i> Cid, R. <i>et al.</i>	
FUJIMOTO, MASA-KATSU, <i>see</i> Fukushima, Toshio <i>et al.</i>	
FUKUSHIMA, TOSHIO, MASA-KATSU FUJIMOTO, HIROSHI KINOSHITA, and SHINKO AOKI / A System of Astronomical Constants in the Relativistic Framework	215
GARFINKEL, BORIS / On the Refutation of the Brown Conjecture	231
GOODING, R. H., <i>see</i> Odell, A. W.	
GUINOT, B. / Is the International Atomic Time TAI a Coordinate Time or a Proper Time?	155
HAYLI, A. et TH. DUMONT / Experiences numeriques sur des billards C^1 formes de quatre arcs de cercles (Numerical Exploration of C^1 Billiards Constructed with Four Arcs of Circles)	23
HÉNON, MICHEL and JEAN-MARC PETIT / Series Expansions for Encounter-type Solutions of Hill's Problem	67
HENRARD, J., A. LEMAITRE, A. MILANI, and C. D. MURRAY / The Reducing Transformation and Apocentric Librators	335
JOPEK, T. J., <i>see</i> Dybczyński, P. A. <i>et al.</i>	
KINOSHITA, HIROSHI, <i>see</i> Fukushima, Toshio <i>et al.</i>	
KNEŽEVIĆ, ZORAN / Secular Variations of Major Planets' Orbital Elements	123
KORSHUNOVA, N. A., <i>see</i> Azizov, A. G.	
LEMAITRE, A., <i>see</i> Henrard, J. <i>et al.</i>	

TABLE OF CONTENTS

MARCHAL, C. / On Quasi-Integrable Problems. The Example of the Artificial Satellites Perturbed by the Earth's Zonal Harmonics	377
MCDONALD, ALASTAIR J. C. / On the Occurrence of Near Syzygies in the Solar System	139
MURRAY, C. D., <i>see</i> Henrard, J. <i>et al.</i>	
MILANI, A., <i>see</i> Henrard, J. <i>et al.</i>	
NAKHLA, ATEF, <i>see</i> Bozis, George	
ODELL, A. W. and R. H. GOODING / Procedures for Solving Kepler's Equation	307
PETIT, JEAN-MARC, <i>see</i> Hénon, Michel	
REGLERO, V., <i>see</i> Alfaro, J. Martínez	
RUBINCAM, DAVID PARRY, and NELSON R. WEISS / Earth Albedo and the Orbit of Lageos	233
SEIN-ECHALUCE, M. L., <i>see</i> Cid, R. <i>et al.</i>	
SERAFIN, R. A. / Bounds on the Solution to Kepler's Equation	111
SERAFIN, R. A., <i>see</i> Dybczyński, P. A. <i>et al.</i>	
SERGYSLS, ROLAND / Zero Velocity Hypersurfaces for the General Three-Dimensional Three-Body Problem	207
WEISS, NELSON R., <i>see</i> Rubincan, David Parry	
WISDOM, JACK / Canonical Solution of the Two Critical Argument Problem	175
WYTRZYSZCZAK, IWONA / Nonsingular Elements in Description of the Motion of Small Eccentricity and Inclination Satellites	101
BOOK REVIEW	
E. Schrödinger, <i>Space Time Structures</i> (HENDRIK VAN DAM)	389
ERRATA	
Garfinkel Boris: 'The Theory of the Trojan Asteroids, Part V', <i>Celest. Mech.</i> 36, 19-45.	232
Walker M. J. <i>et al.</i> : 'A Set of Modified Equinoctial Orbit Elements', <i>Celest. Mech.</i> 36, 409-419	391

